## Table of Contents

## **Superintendent's Letter**

## **Abstract**

Executive Summary	ES-1
Chapter I: Purpose and Need	I-1
Introduction	I-1
Purpose of the Action Need for the Action	I-5
Regulations, Policies, and Management Goals	I-6 I-7
Public Involvement	I-7 I-9
Organization of this Environmental Assessment	I-13
Chapter II: Alternatives	II-1
Overview of the Alternatives	II-1
Alternative 1 (No Action)	II-2
Elements Common to Both Action Alternatives	II-17
Mitigation Measures Common to All Action Alternatives	II-22
Alternative 2 (Preferred)	II-23
Alternative 3	II-53
Environmentally Preferable Alternative Actions Considered but Dismissed	II-75 II-78
Comparison of Alternatives	II-78 II-82
Chapter III: Affected Environment	III-1
Introduction	III-1
Topics Considered in this Environmental Assessment	III-1
Natural Resources	III-3
Geology, Geologic Hazards, and Soils	III-3
Floodplains and Water Resources	III-7
Wetlands	III-12
Vegetation	III-14
Wildlife Special status Species	III-17 III-19
Special-status Species Air Quality	III-19 III-27
Noise	III-27 III-29
Cultural Resources	III-31
Archeological Resources	III-31
Traditional American Indian Resources	III-34
Cultural Landscape Resources, including Historic Sites and Structures	III-36
Social Resources	III-37
Scenic Resources	III-37
Visitor Experience	III-40
Socioeconomics	III-46
Transportation  Real Operations and Facilities	III-51
Park Operations and Facilities Hazardous Materials	III-53 III-60
HUZUI UOUS IVIULEI IUIS	111-00

Chapter III: Affected Environment (continued)	
Topics Dismissed from Further Analysis	III-63
Wilderness Experience	III-63
Land Use	III-63
Environmental Justice	III-63
Prime and Unique Agricultural Lands	III-64
Museum Collections	III-64
Chapter IV: Environmental Consequences	IV-1
Introduction	IV-1
Impact Analysis	IV-1
Cumulative Impacts	IV-2
Impairment	IV-2
Analysis of Environmental Consequences	IV-3
Alternative 1	IV-3
Natural Resources	IV-3
Geology, Geologic Hazards, and Soils	IV-3
Floodplains and Water Resources Wetlands	IV-5 IV-9
Vegetation	IV-11
Wildlife	IV-14
Special-status Species	IV-16
Air Quality	IV-19
Noise	IV-21
Cultural Resources	IV-23
Archeological Resources	IV-23
American Indian Traditional Resources	IV-24
Cultural Landscape Resources, including Historic Sites and Structures	IV-25
Social Resources	IV-27
Scenic Resources	IV-27
Visitor Experience	IV-29
Socioeconomics	IV-32
Transportation	IV-34
Park Operations and Facilities	IV-36
Hazardous Materials Alternative 2	IV-38 IV-40
Natural Resources	IV-40 IV-40
Geology, Geologic Hazards, and Soils	IV-40
Floodplains and Water Resources	IV-43
Wetlands	IV-46
Vegetation	IV-48
Wildlife	IV-51
Special-status Species	IV-54
Air Quality	IV-60
Noise	IV-63
Cultural Resources	IV-67
Archeological Resources	IV-67
American Indian Traditional Resources	IV-69
Cultural Landscape Resources, including Historic Sites and Structures	IV-71
Social Resources	IV-73
Scenic Resources	IV-73
Visitor Experience	IV-77
Socioeconomics	IV-84 IV-87
Transportation Park Operations and Facilities	IV-91
Hazardous Materials	IV-95

Alternative 3 Natural Resources Geology, Geologic Hazards, and Soils Floodplains and Water Resources Wetlands Wetlands Wetgetation Vegetation Vegetation Viological Sepoile Special-status Species Archeological Resources Wetlands Archeological Resources Wetlands Archeological Resources Wetlands Archeological Resources Wetlands Archeological Resources Cultural Resources Cultural Resources Archeological Resources Cultural Landscape Resources, including Historic Sites and Structures Wetlands Soenic Resources Verlands Soenic Resources Verlands Visitor Experience Soenic Resources Visitor Experience Soenic Resources Visitor Experience Soenic Resources Verlands Visitor Experience Soenic Resources Verlands Visitor Experience Soenic Resources Verlands Verlands Visitor Experience Soenic Resources Verlands Verlands Visitor Experience Soenic Resources Verlands	Chapter IV: Environmental Consequences (continued)	
Geology, Geologic Hazards, and Soils Floodplains and Water Resources Wedlands Vegetation Vegetation Vegetation Wildlife Special-status Species Air Quality Noise Very Marcy Archeological Resources Very Marerian Indian Traditional Resources Very Marerian Indian In	Alternative 3	IV-97
Floodplains and Water Resources Wetlands Wetlands Vegetation Vegetation Vegetation Wildlife Special-status Species Ar Quality Noise V-110 Air Quality Noise V-111 Cultural Resources Archeological Resources Archeological Resources Archeological Resources Archeological Resources Archeological Resources, including Historic Sites and Structures Vivintal Landscape Resources, including Historic Sites and Structures Vivintor Experience V-118 Social Resources Vivintor Experience V-118 Visitor Experience V-121 Socioeconomics Transportation N-128 Park Operations and Facilities Hazardous Materials Vivintal Hazardous Materials V-1 Introduction Methodology Consistency with Management Elements of the Merced River Plan V-1 Chapter VI: Consultation and Coordination VI-1 Compliance History V-1 Chapter VI: Consultation and Coordination VI-1 Compliance History V-1 Consistency with Management Elements of the Merced River Plan V-2 Chapter VI: Consultation and Coordination VI-1 Compliance History V-1 Chapter VI: References VII-1 Bibliography Grossuftation VI-2 Chapter VII: References VII-1 Bibliography VII-1 Chapter VII: References VII-1 Bibliography VII-1 Chapter VI: References VII-1 Bibliography VII-1 Chapter VI: References VII-1 Bibliography VII-1 Chapter VI: References VII-1 Chapter VI: References VII-1 Chapter VI: References VII-1 Bibliography VII-1 Chapter VI: References VI	Natural Resources	IV-97
Wetlands Vegetation Vegetation Vegetation Wildlife Special-status Species Air Quality Noise Cultural Resources Archeological Resources IV-114 American Indian Traditional Resources Cultural Landscape Resources, including Historic Sites and Structures Scenic Resources IV-116 Social Resources IV-118 Visitor Experience IV-121 Socioeconomics Transportation IV-128 Park Operations and Facilities Hazardous Materials IV-131 Hazardous Materials IV-132 Park Operations and Facilities Hazardous Materials IV-131 Chapter V: Merced Wild and Scenic River Introduction Wethodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination VI-1 Compliance History V-2 Agency Consultation Future Information VI-1 Compliance History V-2 Agency Consultation V-3 Future Information VI-1 Chapter VII: References VII-1 Bibliography VII-1 Glossary of Terms Acronyms VII-1 Chapter VII: References VII-1 Foject Location V-2 Visemite Valley Plan – Yosemite Lodge Area V-3 Relationship to Yosemite National Park Plans V-4 Vii-1	Geology, Geologic Hazards, and Soils	
V-102   Wildlife   V-104   Special-status Species   V-104   Special-status Species   V-105   Air Quality   V-110   Noise   V-110   Noise   V-112   Cultural Resources   V-114   Archeological Resources   V-114   Archeological Resources   V-115   Cultural Landscape Resources, including Historic Sites and Structures   V-116   Social Resources   V-116   Social Resources   V-116   Social Resources   V-118   Scenic Resources   V-118   Scenic Resources   V-118   Scenic Resources   V-118   Visitor Experience   V-126   Transportation   V-126   Transportation   V-126   Transportation   V-126   Transportation   V-126   Transportation   V-128   Hazardous Materials   V-131   Hazardous Materials   V-131   Chapter V: Merced Wild and Scenic River   V-1   Introduction   V-1   Introduction   V-1   Consistency with Management Elements of the Merced River Plan   V-4   Chapter VI: Consultation and Coordination   V-1   Compliance History   V-1   Compliance History   V-1   Scoping History   V-1   Septimental Assessment   V-1   Septimental S		
Wildlife Special-status Species IV-107 Air Quality Noise IV-1107 Noise IV-112 Cultural Resources IV-114 Archeological Resources IV-114 Archeological Resources IV-114 Archeological Resources IV-114 Archeological Resources IV-115 Cultural Landscape Resources, including Historic Sites and Structures IV-116 Social Resources IV-118 Seneic Resources IV-118 Seneic Resources IV-118 Seneic Resources IV-118 Seneic Resources IV-118 Scenic Resources IV-128 Socioeconomics IV-126 Transportation IV-128 Park Operations and Facilities IV-131 Hazardous Materials IV-133  Chapter V: Merced Wild and Scenic River IV-11 Introduction IV-12 Methodology IV-10 Consistency with Management Elements of the Merced River Plan IV-12 Chapter VI: Consultation and Coordination IV-12 Chapter VI: Consultation and Coordination IV-12 Compiliance History IV-12 Secoping History IV-12 Agency Consultation IV-13 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment IV-15 List of Reviewers and Preparers IV-11  Chapter VII: References IVI-11  Chapter VII: References IVI-11  List of Figures List of Agencies, Organizations, Interested Park Plans II-18 List List of Sigures List Of Location II-2 List Accomption II-3 List List Contain II-3 List List List List List List List List		
Special-status Species Air Quality Noise IV-110 Noise Cultural Resources IV-114 Archeological Resources IV-114 Archeological Resources IV-114 Archeological Resources IV-115 Cultural Landscape Resources, including Historic Sites and Structures IV-116 Social Resources IV-118 Scenic Resources IV-118 Visitor Experience IV-126 Socioaconomics IV-126 Transportation IV-128 Park Operations and Facilities Hazardous Materials IV-131 Hazardous Materials IV-131 Hazardous Materials IV-131 Chapter V: Merced Wild and Scenic River Introduction V-1 Methodology Consistency with Management Elements of the Merced River Plan V-2 Chapter VI: Consultation and Coordination V-1 Compliance History V-2 Agency Consultation Iv-12 Scoping History Agency Consultation List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VI-1 Chapter VII: References Bibliography Glossary of Terms Ju-19 List of Figures List of Figures List of Figures List of Figures Li-1 Project Location L-2 Vosemite Valley Plan – Yosemite Lodge Area L-3 Relationship to Yosemite National Park Plans L-7 L-7 L-8 L-8 L-8 L-8 L-8 L-8 L-9 L-9 L-1-1 Alternative 2 (Preferred) L-1-2 L-1-3 L-1-4 Alternative 2 (Preferred) L-1-5 L-1-5 L-1-6 Alternative 2 Utilities L-1-7		
Air Quality Noise  Cultural Resources Archeological Resources American Indian Traditional Resources American Indian Traditional Resources Cultural Landscape Resources, including Historic Sites and Structures Nº-116 Social Resources Scenic Resources Viv-118 Visitor Experience Visitor Experience Socioeconomics IV-128 Park Operations and Facilities Hazardous Materials V-128 Park Operations and Facilities Hazardous Materials V-133  Chapter V: Merced Wild and Scenic River Introduction Methodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination V-1  Chapter VI: Consultation and Coordination V-1  Compliance History V-1  Chapter VI: Consultation and Coordination V-1  Compliance History V-1  Chapter VI: Consultation and Coordination V-1  Chapter VI: Consultation V-1  Chapter VI: Consultation and Coordination V-1  Chapter VII: References VII-1  Chapter VII: References VII-1  Chapter VII: References VII-1  Chapter VII: References VII-1  List of Figures  List of Figures  List of Figures  List VI: Alternative 1 (No Action)  List Alternative 2 (Preferred)  List Oaltin and Cottage Architectural Schematic Floor Plans  List Cabin and Cottage Architectural Schematic Floor Plans  List Alternative 2 Utilities  List Alternative 2 Drainage Layout		
Noise Cultural Resources Archeological Resources Archeological Resources Archeological Resources IV-114 Archeological Resources IV-115 American Indian Traditional Resources IV-115 Cultural Landscape Resources, including Historic Sites and Structures IV-116 Social Resources IV-118 Scenic Resources IV-118 Scenic Resources IV-126 Socioeconomics IV-127 Socioeconomics IV-128 Park Operations and Facilities Hazardous Materials IV-131 Hazardous Materials IV-133  Chapter V: Merced Wild and Scenic River Introduction Methodology V-1 Introduction Methodology V-1 Consistency with Management Elements of the Merced River Plan V-1 Chapter VI: Consultation and Coordination V-1 Compliance History V-1 Compliance History V-1 Scoping His		
Cultural Resources	·	
Archeological Resources IV-114 American Indian Traditional Resources IV-116 Social Resources IV-116 Social Resources IV-118 Scenic Resources IV-118 Scenic Resources IV-126 Socioeconomics IV-126 Transportation IV-126 Transportation IV-126 Transportation IV-131 Hazardous Materials IV-131 Hazardous Materials IV-133  Chapter V: Merced Wild and Scenic River IV-1 Introduction IV-1 Introduction IV-1 Methodology IV-1 Consistency with Management Elements of the Merced River Plan IV-1 Chapter VI: Consultation and Coordination IV-1 Compliance History IV-1 Scoping History IV-1 Scoping History IV-1 Scoping History IV-1 Stuture Information IV-1 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment IV-1 List of Reviewers and Preparers IV-1 Chapter VII: References IVI-1 Bibliography IVI-1 Glossary of Terms IVI-1 Glossary of Terms IVI-1 Acronyms IVI-1 List of Figures List Alternative 1 (No Action) II-3 II-1: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-3 II-3: Alternative 2 (Preferred) II-5 II-5: Cabin and Cottage Architectural Schematic Floor Plans II-3 II-7: Alternative 2 Utilities II-39 II-8: Alternative 2 Drainage Layout II-41 II-9: Alternative 2 Drainage Layout III-41 II-9: Alternative 2 Drainage Layout III-9 II-9: Alternative 2 Dra		
American İndian Traditional Resources Cultural Landscape Resources, including Historic Sites and Structures Visitor Experience Scenic Resources Visitor Experience Visitor Experience Visitor Experience Park Operations and Facilities Hazardous Materials Visitor Experience Park Operations and Facilities Hazardous Materials Vi-126 Transportation Park Operations and Facilities Hazardous Materials Vi-131 Htroduction V-1 Introduction V-1 Introduction V-1 Methodology Consistency with Management Elements of the Merced River Plan V-4  Chapter VI: Consultation and Coordination VI-1 Compliance History V-1 Scoping History V-2 Agency Consultation Future Information List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VI-1  Chapter VII: References VII-1 Bibliography VII-1 Chapter VII: References VII-1 List of Figures I-1: Project Location I-2 Vosemite Valley Plan – Yosemite Lodge Area I-3 Relationship to Yosemite National Park Plans I-7 I-1: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-5 II-1 II-1 II-1 II-1 II-1 II-1 II-1		
Cultural Landscape Resources, including Historic Sites and Structures  Social Resources  Vi-118 Social Resources  Vi-118 Visitor Experience Vi-121 Socioeconomics Vi-126 Transportation Vi-126 Park Operations and Facilities Hazardous Materials  Chapter V: Merced Wild and Scenic River Introduction Methodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination Vi-1 Compliance History Vi-1 Scoping River Vi-1 Scoping History Vi-1 Store Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers Vi-6 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment Vi-6 List of Fewiewers and Preparers Vi-6 List of Figures List of Figures List of Figures Li-1: Project Location Li-2: Yosemite Valley Plan – Yosemite Lodge Area Li-3: Relationship to Yosemite National Park Plans Li-1: Alternative 1 (No Action) Li-2: Alternative 2 (Preferred) Li-3: Alternative 3 Li-4: Alternative 3 Li-5: Cabin and Cottage Architectural Schematic Floor Plans Li-3: Alternative 2 Utilities Li-8: Alternative 2 Utilities Li-8: Alternative 2 Utilities Li-8: Alternative 2 Drainage Layout Li-9: Alternative 2 Drainage Layout		
Social Resources Scenic Resources Visitor Experience Visitor Experience Visitor Experience Visitor Experience Visitor Experience Viv-128 Socioeconomics Vi-126 Transportation Park Operations and Facilities Vi-131 Hazardous Materials Vi-131 Hazardous Materials Vi-133  Chapter V: Merced Wild and Scenic River Introduction V-1 Introduction V-1 Introduction V-1 Methodology V-1 Consistency with Management Elements of the Merced River Plan V-4  Chapter VI: Consultation and Coordination VI-1 Compliance History VI-2 Agency Consultation VI-3 Future Information List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VI-11  Chapter VII: References VII-1 Bibliography VII-1 Glossary of Terms Acronyms VII-19  List of Figures List of Figures Li-1: Project Location L-2: Yosemite Valley Plan – Yosemite Lodge Area L-3 L-3: Relationship to Yosemite National Park Plans L-1-1 L-2: Alternative 1 (No Action) L-3: Alternative 2 (Preferred) L-4: Alternative 1 Trails L-5: Cabin and Cottage Architectural Schematic Floor Plans L-8: Alternative 2 Trails L-8: Alternative 2 Utilities L-8: Alternative 2 Utilities L-8: Alternative 2 Utilities L-8: Alternative 2 Drainage Layout L-9: Alternative 2 Drainage		
Scenic Resources Visitor Experience Visitor Experience Visitor Experience Socioeconomics Vi-126 Transportation Park Operations and Facilities Hazardous Materials V-131 Hazardous Materials V-133  Chapter V: Merced Wild and Scenic River Introduction Methodology V-1 Methodology V-1 Consistency with Management Elements of the Merced River Plan V-4  Chapter VI: Consultation and Coordination VI-1 Compliance History V-1 Scoping History V-1-1 Stof Agency Consultation VI-1 Stof Agency Consultation VI-1 Ust of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VI-11  Chapter VII: References VII-1 Bibliography VII-1 Bibliography VII-1 Glossary of Terms Acronyms VII-1  List of Figures I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-1-1 I-1: Alternative 1 (No Action) II-3 II-1-2: Alternative 2 (Preferred) II-3: Alternative 3 II-1 II-1: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-3: Alternative 2 Utilities II-3: II-3: Alternative 2 Utilities II-3: Alternative 2 Utilities II-3: Alternative 2 Utilities II-3: Alternative 2 Utilities II-3: Alternative 2 Drainage Layout III-9: Alternative 2 Drainage Layout III-9: Alternative 2 Drainage Layout II-9: Alternative 2 Drainage Layout	·	
Visitor Experience Socioeconomics IV-126 Socioeconomics IV-126 Transportation Park Operations and Facilities IV-131 Hazardous Materials IV-133  Chapter V: Merced Wild and Scenic River Introduction W-1 Methodology Consistency with Management Elements of the Merced River Plan V-4  Chapter VI: Consultation and Coordination VI-1 Compliance History V-1 Scoping History Agency Consultation V-1 Stoping History V-1 Superior VI-1 Stoping History VI-2 Agency Consultation VI-3 Future Information VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment VI-6 List of Reviewers and Preparers VII-1 Chapter VII: References VII-1 Bibliography Clist of Figures VII-1 Sibliography VII-1 Clast of Figures VII-1 Acronyms VII-1 VII-1 Acronyms VII-1 VII-1 VII-1 Alternative 2 (Preferred) VII-1 VII-2 VII-1 VII		
Socioeconomics IV-126 Transportation IV-128 Park Operations and Facilities IV-131 Hazardous Materials IV-133  Chapter V: Merced Wild and Scenic River IV-1 Introduction V-1 Methodology V-1 Consistency with Management Elements of the Merced River Plan V-4  Chapter VI: Consultation and Coordination VI-1 Compliance History VI-2 Agency Consultation and Coordination VI-1 Scoping History VI-2 Agency Consultation Interested Parties, and Businesses that Received this Environmental Assessment VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment VI-11  Chapter VII: References VII-1 Bibliography VII-1 Chapter VII: References VII-1  List of Figures  List of Figures  L-1: Project Location I-2 L-2: Yosemite Valley Plan – Yosemite Lodge Area I-3 L-3: Relationship to Yosemite National Park Plans I-7 L-1: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-5 II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-15 II-5: Cabin and Cottage Architectural Schematic Floor Plans II-39 II-6: Alternative 2 Trails II-37 II-8: Alternative 2 Utilities II-39 II-8: Alternative 2 Drainage Layout II-41 II-9: Alternative 2 Phase 1 Demolition II-43		
Transportation Park Operations and Facilities IV-131 Hazardous Materials IV-133 Hazardous Materials IV-133 IV-134 IV-134 IV-134 IV-134 IV-134 IV-134 IV-134 IV-135	·	
Park Öperations and Facilities Hazardous Materials  Chapter V: Merced Wild and Scenic River Introduction Methodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination VI-1 Compliance History Scoping History VI-2 Agency Consultation VI-3 Future Information VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VI-11  Chapter VII: References VII-1 Glossary of Terms Acronyms  VII-1  List of Figures I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-1: Alternative 1 (No Action) II-1 II-1: Alternative 2 (Preferred) II-3: Alternative 2 (Preferred) II-5: Cabin and Cottage Architectural Schematic Floor Plans II-3 II-4: Alternative 2 Trails II-3: Alternative 2 Utilities II-37 II-3: Alternative 2 Utilities II-38: Alternative 2 Utilities II-39: Alternative 2 Utilities II-39: Alternative 2 Utilities II-31 II-31: Alternative 2 Utilities II-32 II-33: Alternative 2 Utilities II-34 II-34: Alternative 2 Utilities II-35 II-36: Alternative 2 Utilities II-37 II-37 II-38: Alternative 2 Utilities II-39: Alternative 2 Urainage Layout III-41 II-9: Alternative 2 Prainage Layout III-41 II-9: Alternative 2 Prainage Layout III-41 II-9: Alternative 2 Prainage Layout II-41 II-9: Alternative 2 Prainage Layout II-41 II-9: Alternative 2 Urainage Layout II-41 II-9: Alternative 2 Prainage Layout II-41 II-9: Alternative 2 Drainage Layout II-9: Alternative 2 Drainage Layout II-9: Alternative 2 Drainage Layout II-9: Alternative 3		
Chapter V: Merced Wild and Scenic River Introduction Methodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination VI-1 Compliance History VI-2 Scoping History VI-3 Sepency Consultation Sepure Information VI-3 Future Information VI-4 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VI-11  Chapter VII: References VII-1 Bibliography Glossary of Terms Acronyms VII-19  List of Figures I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-1-1: Alternative 1 (No Action) II-3 II-1: Alternative 2 (Preferred) II-3: Alternative 2 (Preferred) II-5: Cabin and Cottage Architectural Schematic Floor Plans II-7: Alternative 2 Trails II-7: Alternative 2 Trails II-7: Alternative 2 Trails II-7: Alternative 2 Drainage Layout II-9: Alternative 2: Phase 1 Demolition II-43		
Introduction Methodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination VI-1 Compliance History Consultation Separety VI-2 Agency Consultation Future Information VI-3 Future Information VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment VI-6 List of Reviewers and Preparers VI-11  Chapter VII: References VII-1 Bibliography Glossary of Terms VII-9 Acronyms VII-1  List of Figures I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-1-2: Alternative 1 (No Action) II-3: Alternative 2 (Preferred) II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-7: Alternative 2 Trails II-7: Alternative 2 Drainage Layout II-4 II-9: Alternative 2 Prainage Layout II-4		
Introduction Methodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination VI-1 Compliance History VI-1 Scoping History Agency Consultation Future Information VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VI-11  Chapter VII: References VII-1 Bibliography Glossary of Terms VII-9 Acronyms VII-1  List of Figures I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-1-2: Alternative 1 (No Action) II-3: Alternative 2 (Preferred) II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-7: Alternative 2 Trails II-7: Alternative 2 Drainage Layout III-9: Alternative 2 Prainage Layout II-43 II-9: Alternative 2 Prainage Layout II-43	Chanter V: Merced Wild and Scenic River	\/_1
Methodology Consistency with Management Elements of the Merced River Plan  Chapter VI: Consultation and Coordination UI-1 Compliance History Agency Consultation Future Information VI-2 Agency Consultation Future Information VI-3 Future Information VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment VI-1  Chapter VII: References VII-1 Bibliography Glossary of Terms VII-1  Chapter VII: References VII-1  Chapter VII: References VII-1  Chapter VII: References VII-1  Chapter VII: References VII-1  I-1  Alternative 1 (No Action) II-3 I-3: Relationship to Yosemite National Park Plans II-7: Alternative 2 (Preferred) II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-7: Alternative 2 Trails II-7: Alternative 2 Utilities II-37 II-7: Alternative 2 Utilities II-38: Alternative 2 Drainage Layout III-41 II-9: Alternative 2 Drainage Layout III-41 II-9: Alternative 2: Phase 1 Demolition III-43	•	
Chapter VI: Consultation and Coordination VI-1 Compliance History Scoping History Agency Consultation VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VII-1 Chapter VII: References VII-1 Bibliography Glossary of Terms Acronyms VII-1  List of Figures VII-1 Project Location I-2 V-2 Vasemite Valley Plan – Yosemite Lodge Area I-3 Relationship to Yosemite National Park Plans II-1 Alternative 2 (Preferred) II-3 Alternative 3 II-4 II-5 II-5 Cabin and Cottage Architectural Schematic Floor Plans II-7 II-7 Alternative 2 Urainage Layout II-4 II-9 II-9 Alternative 2 Drainage Layout II-4 II-9 II-9 Alternative 2 Drainage Layout II-4 II-9 II-9 Alternative 2 Drainage Layout III-9 III-9 Alternative 2 Drainage Layout III-9 III-9 Alternative 2 Drainage Layout III-9 III-9 III-9 III-9 III-9 III-9 III-9 Alternative 2 Drainage Layout III-9 I		
Chapter VI: Consultation and Coordination VI-1 Compliance History VI-1 Scoping History VI-2 Agency Consultation VI-3 Future Information VI-5 List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment VI-6 List of Reviewers and Preparers VI-11  Chapter VII: References VII-1 Bibliography VII-1 Glossary of Terms VII-9 Acronyms VII-1  List of Figures VII-1 Project Location I-2 I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3 I-3: Relationship to Yosemite National Park Plans II-7: Alternative 1 (No Action) II-3 II-12: Alternative 2 (Preferred) II-15: Cabin and Cottage Architectural Schematic Floor Plans II-6: Alternative 2 Trails II-7: Alternative 2 Utilities II-39: Alternative 2 Drainage Layout III-41 II-91: Alternative 2 Drainage Layout III-41 II-91: Alternative 2: Phase 1 Demolition II-43	5,	
Compliance History Scoping History Agency Consultation Future Information List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment List of Reviewers and Preparers VII-1  Chapter VII: References VII-1  Bibliography VII-1  Glossary of Terms VII-9  Acronyms VII-1  List of Figures Li-1: Project Location L-2: Yosemite Valley Plan – Yosemite Lodge Area L-3: Relationship to Yosemite National Park Plans Li-1: Alternative 1 (No Action) Li-2: Alternative 2 (Preferred) Li-3: Alternative 3 Li-4 Li-4 Li-5: Cabin and Cottage Architectural Schematic Floor Plans Li-7: Alternative 2 Trails Li-7: Alternative 2 Trails Li-7: Alternative 2 Urilities Li-3: Alternative 2 Drainage Layout Li-41 Li-9: Alternative 2 Phase 1 Demolition Li-43	Consistency with management Elements of the Mercea five Filan	
Scoping History Agency Consultation Future Information List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment Environmental Assessment VI-6 List of Reviewers and Preparers VII-1  Chapter VII: References VII-1  Bibliography VII-1  Glossary of Terms VII-9  Acronyms VII-1  List of Figures I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-7: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-3: Alternative 3 II-7 II-4: Alternative 3 II-7 II-6: Alternative 1 Trails II-15 II-5: Cabin and Cottage Architectural Schematic Floor Plans II-37 II-6: Alternative 2 Trails II-79: Alternative 2 Urilities II-39 II-31 II-41 II-99: Alternative 2 Demolition III-41 II-91	Chapter VI: Consultation and Coordination	
Agency Consultation Future Information List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment VI-6 List of Reviewers and Preparers VII-1  Chapter VII: References VII-1  Bibliography VII-1  Glossary of Terms VII-9 Acronyms VII-1  List of Figures  I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans II-1: Alternative 1 (No Action) II-2: Alternative 2 (Preferred) II-3: Alternative 3 II-4: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-6: Alternative 2 Utilities II-3: Alternative 2 Utilities II-3: Alternative 2 Utilities II-3: Alternative 2 Drainage Layout III-41 II-9: Alternative 2: Phase 1 Demolition III-43		VI-1
Future Information  List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment  VI-6  List of Reviewers and Preparers  VI-11  Chapter VII: References  VII-1  Bibliography  VII-1  Glossary of Terms  Acronyms  VII-9  Acronyms  VII-1  List of Figures  I-1: Project Location  I-2: Yosemite Valley Plan – Yosemite Lodge Area  I-3: Relationship to Yosemite National Park Plans  I-7: Alternative 1 (No Action)  II-3: Alternative 2 (Preferred)  II-4: Alternative 3 II-7  II-4: Alternative 1 Trails  II-5: Cabin and Cottage Architectural Schematic Floor Plans  II-7: Alternative 2 Trails  II-3: Alternative 2 Utilities  II-39: Alternative 2 Drainage Layout  III-41  II-9: Alternative 2: Phase 1 Demolition		
List of Agencies, Organizations, Interested Parties, and Businesses that Received this Environmental Assessment VI-6 List of Reviewers and Preparers VII: References VIII: References VIII: References VIII: References VIII: Glossary of Terms VIII: Qlossary of Terms VIII: Project Location VIII: Proje		
Environmental Assessment List of Reviewers and Preparers VI-11  Chapter VII: References VII-1  Bibliography VII-1  Glossary of Terms VII-9  Acronyms VII-1  List of Figures  I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-7: Alternative 1 (No Action) II-3  II-2: Alternative 2 (Preferred) II-3: Alternative 3 II-7  II-4: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-7: Alternative 2 Trails II-7: Alternative 2 Utilities II-39  II-8: Alternative 2 Drainage Layout III-41  II-9: Alternative 2: Phase 1 Demolition III-43		VI-5
List of Reviewers and Preparers  Chapter VII: References  Bibliography Glossary of Terms VII-1  List of Figures  I-1: Project Location I-2  I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-7  II-1: Alternative 1 (No Action) II-3  II-2: Alternative 2 (Preferred) II-5: Cabin and Cottage Architectural Schematic Floor Plans II-6: Alternative 2 Trails II-7: Alternative 2 Utilities II-8: Alternative 2 Drainage Layout III-9: Alternative 2: Phase 1 Demolition  VII-1  Bibliography VII-1  VII-1  SII-1  II-1  II-2  VII-1  II-3  VII-1  II-1  II-3  II-3  II-7  II-4  II-5  II-7  II-4  II-7  II-4  II-7  I		\
Chapter VII: References  Bibliography Glossary of Terms VII-1 Glossary of Terms VII-9 Acronyms VII-19  List of Figures  I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans I-7: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-6: Alternative 2 Trails II-7: Alternative 2 Utilities II-39 II-8: Alternative 2 Drainage Layout III-41 II-9: Alternative 2: Phase 1 Demolition		
Bibliography Glossary of Terms Acronyms VII-1 Glossary of Terms VII-9 Acronyms VII-19  List of Figures I-1: Project Location I-2 I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3 I-3: Relationship to Yosemite National Park Plans I-7 II-1: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-5 II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-15 II-5: Cabin and Cottage Architectural Schematic Floor Plans II-6: Alternative 2 Trails II-37 II-7: Alternative 2 Utilities II-39 II-8: Alternative 2 Drainage Layout II-41 II-9: Alternative 2: Phase 1 Demolition III-43	List of Reviewers and Preparers	VI-11
Glossary of Terms Acronyms  VII-9  List of Figures  I-1: Project Location I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3: Relationship to Yosemite National Park Plans II-1: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-5: II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-5: Cabin and Cottage Architectural Schematic Floor Plans II-6: Alternative 2 Trails II-7: Alternative 2 Utilities II-8: Alternative 2 Drainage Layout II-9: Alternative 2: Phase 1 Demolition  VII-9  VII-9  VII-19  VII-19  VII-19  VII-19  II-2  II-2  II-3  II-3  II-7  II-4  II-9: Alternative 2 Drainage Layout II-41  II-9: Alternative 2: Phase 1 Demolition	Chapter VII: References	VII-1
List of Figures  I-1: Project Location I-2 I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3 I-3: Relationship to Yosemite National Park Plans I-7 II-1: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-5 II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-15 II-5: Cabin and Cottage Architectural Schematic Floor Plans II-35 II-6: Alternative 2 Trails II-37 II-7: Alternative 2 Utilities II-39 II-8: Alternative 2 Drainage Layout II-41 II-9: Alternative 2: Phase 1 Demolition II-43		
List of Figures  I-1: Project Location I-2 I-2: Yosemite Valley Plan – Yosemite Lodge Area I-3 I-3: Relationship to Yosemite National Park Plans I-7 II-1: Alternative 1 (No Action) II-3 II-2: Alternative 2 (Preferred) II-5 II-3: Alternative 3 II-7 II-4: Alternative 1 Trails II-15 II-5: Cabin and Cottage Architectural Schematic Floor Plans II-35 II-6: Alternative 2 Trails II-37 II-7: Alternative 2 Utilities II-39 II-8: Alternative 2 Drainage Layout II-41 II-9: Alternative 2: Phase 1 Demolition II-43		
I-1:Project LocationI-2I-2:Yosemite Valley Plan – Yosemite Lodge AreaI-3I-3:Relationship to Yosemite National Park PlansI-7II-1:Alternative 1 (No Action)II-3II-2:Alternative 2 (Preferred)II-5II-3:Alternative 3II-7II-4:Alternative 1 TrailsII-15II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43	Acronyms	VII-19
I-1:Project LocationI-2I-2:Yosemite Valley Plan – Yosemite Lodge AreaI-3I-3:Relationship to Yosemite National Park PlansI-7II-1:Alternative 1 (No Action)II-3II-2:Alternative 2 (Preferred)II-5II-3:Alternative 3II-7II-4:Alternative 1 TrailsII-15II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43	List of Figures	
I-3:Relationship to Yosemite National Park PlansI-7II-1:Alternative 1 (No Action)II-3II-2:Alternative 2 (Preferred)II-5II-3:Alternative 3II-7II-4:Alternative 1 TrailsII-15II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43		I-2
II-1:Alternative 1 (No Action)II-3II-2:Alternative 2 (Preferred)II-5II-3:Alternative 3II-7II-4:Alternative 1 TrailsII-15II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43	I-2: Yosemite Valley Plan – Yosemite Lodge Area	I-3
II-2:Alternative 2 (Preferred)II-5II-3:Alternative 3II-7II-4:Alternative 1 TrailsII-15II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43	·	I-7
II-3:Alternative 3II-7II-4:Alternative 1 TrailsII-15II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43		
II-4:Alternative 1 TrailsII-15II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43	· · ·	
II-5:Cabin and Cottage Architectural Schematic Floor PlansII-35II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43		
II-6:Alternative 2 TrailsII-37II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43		
II-7:Alternative 2 UtilitiesII-39II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43		
II-8:Alternative 2 Drainage LayoutII-41II-9:Alternative 2: Phase 1 DemolitionII-43		
II-9: Alternative 2: Phase 1 Demolition II-43		

List	of Figures (continued)	
	Alternative 2: Phase 2 Demolition	II-47
	Alternative 2: Phase 2 Construction	II-49
	Alternative 2: Phase 3 Restoration and Revegetation	II-51
	Alternative 3 Trails	II-59
	Alternative 3 Utilities	II-61
	Alternative 3 Drainage Layout	II-63
	Alternative 3: Phase 1 Demolition	II-65
	Alternative 3: Phase 1 Construction	II-67
	Alternative 3: Phase 2 Demolition	II-69
	Alternative 3: Phase 2 Construction	II-71
	Alternative 3: Phase 3 Restoration and Revegetation	II-73
	Existing Site Constraints	III-5
	Key Views	III-41
III-3:	Existing Utilities	III-57
	of Tables	
II-1:	Alternatives Comparison Table	II-83
II-2:	Summary of Environmental Consequences	II-96
III-1:	Wetland Types in Yosemite Valley	III-13
III-2:	1998 Estimated Air Emissions in Yosemite Valley	III-28
III-3:	Sound-Level Measurements near Yosemite Lodge	III-30
III-4	Archeological Test Excavation Results	III-33
III-5:	Classification Criteria for Scenic Category	III-38
III-6:	County Populations	III-48
III-7:	County Population Projections, 1990-2040	III-48
III-8:	2002 Employment by Major Industry	III-49
III-9:	Estimated 2000 Industry Output by County by Sector (in Millions of 2002 Dollars)	III-49
IV-1:	Typical Noise Levels from Heavy-duty Equipment	IV-64
V-1:	Effects of the Proposed Action on Outstandingly Remarkable Values in the	V-6
	Valley Segment of the Merced Wild and Scenic River Corridor	V-0
Арр	endices	
Α	Applicable Legislation and Policies	A-1
В	Tree Management	B-1
C	Mitigation Measures Common to All Action Alternatives	C-1
D	Special-status Species Evaluation	D-1
E	Environmental Consequences Methodologies	E-1
F	Cumulative Projects	F-1
G	Draft Floodplain and Wetland Statement of Findings for the Yosemite Lodge	
	Area Redevelopment	G-1